

GENERATING AND MAINTAINING ENCRYPTED PASSWORDS

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ABSTRACT OF THE DISCLOSURE

A system, method and program of the invention provides an application program tool that generates a password for a user to access a resource. The tool receives as input from
10 a user a global user password and at least one hash key. The tool applies a consistent algorithm to the name of the resource being accessed, such as a domain name for an Internet site, and the hash key, and the global user password to generate the password. The same password is
15 regenerated the next time the user accesses the same resource. The tool automatically populates the resource with the password.

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